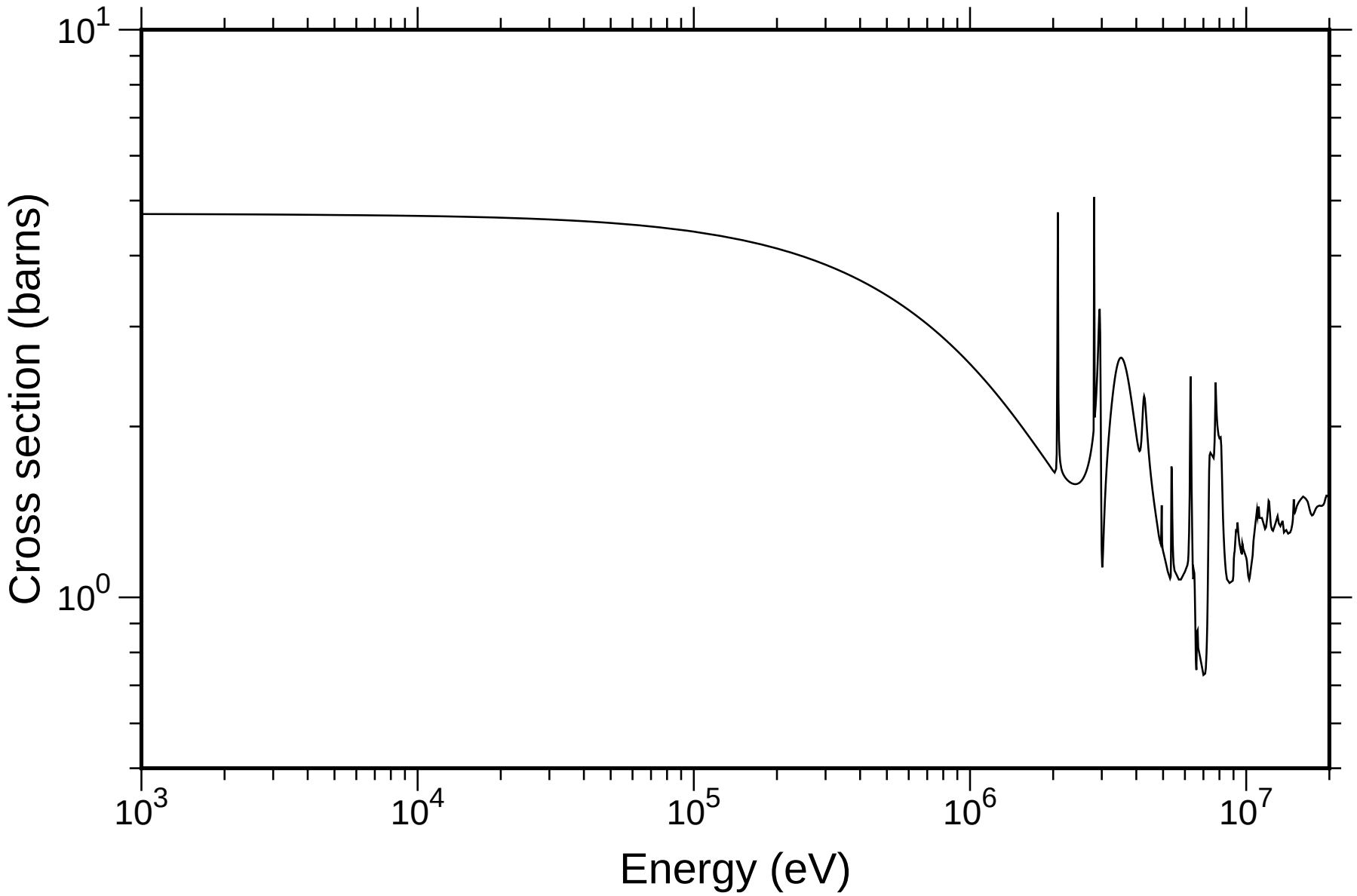
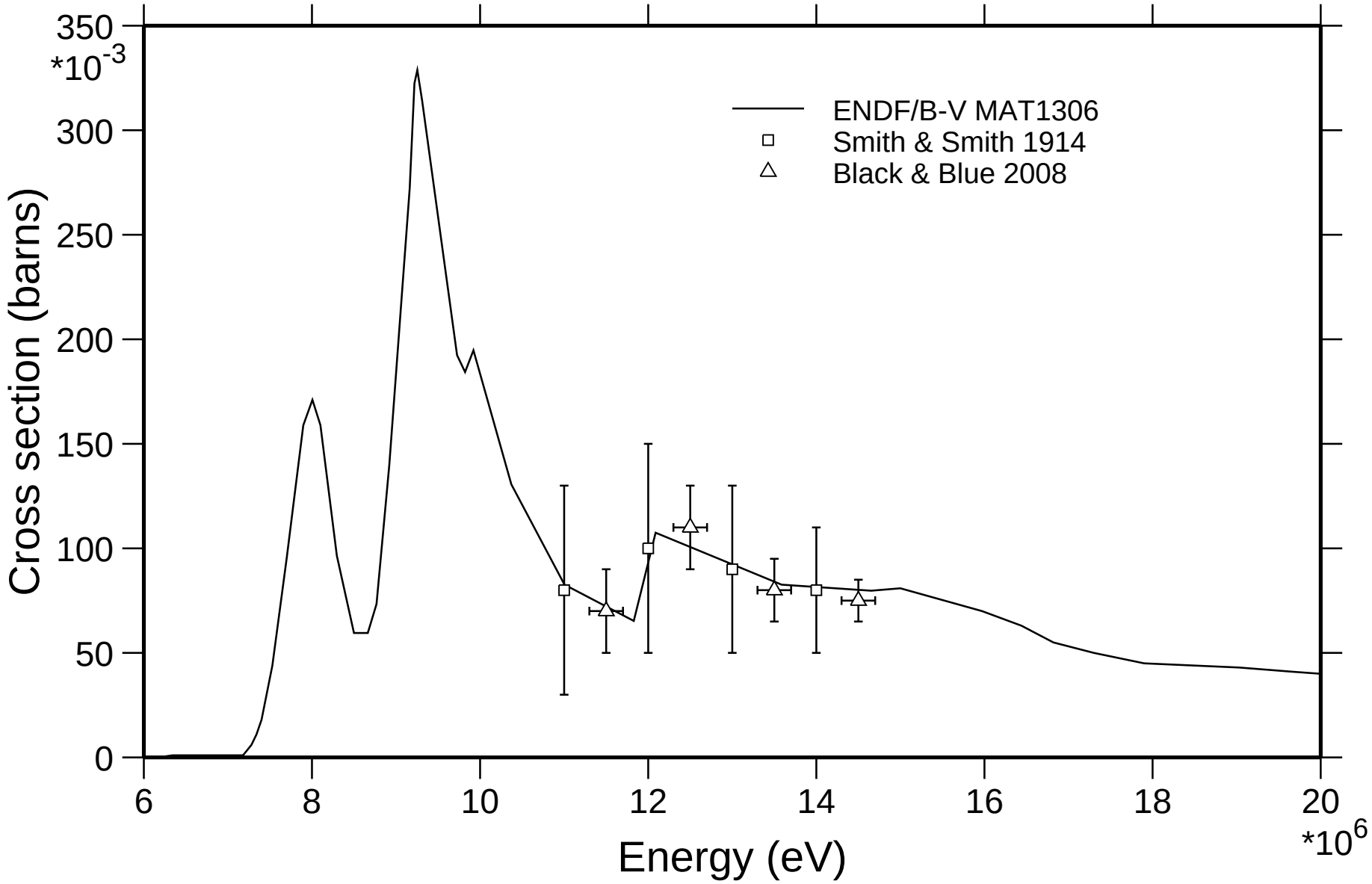
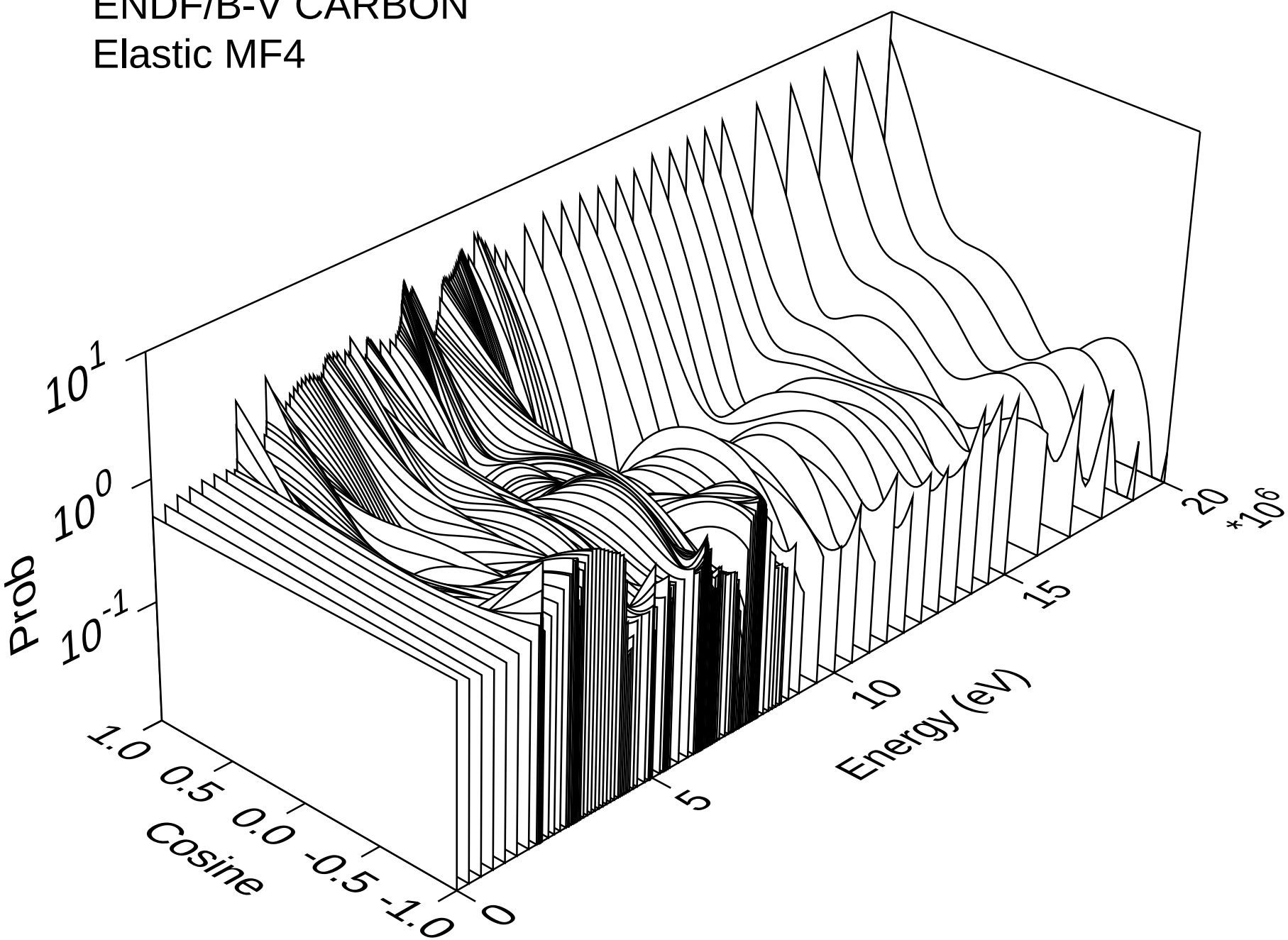
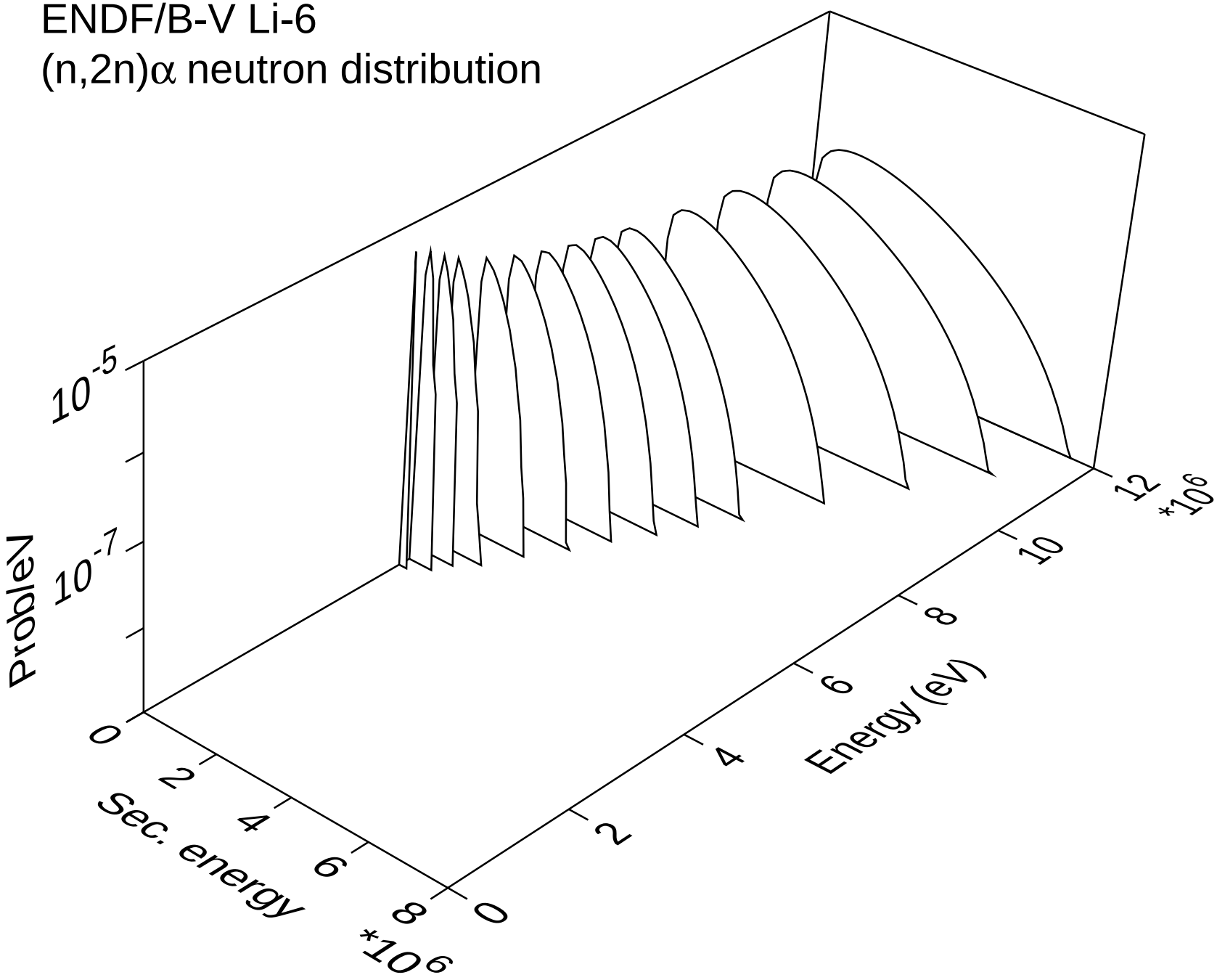
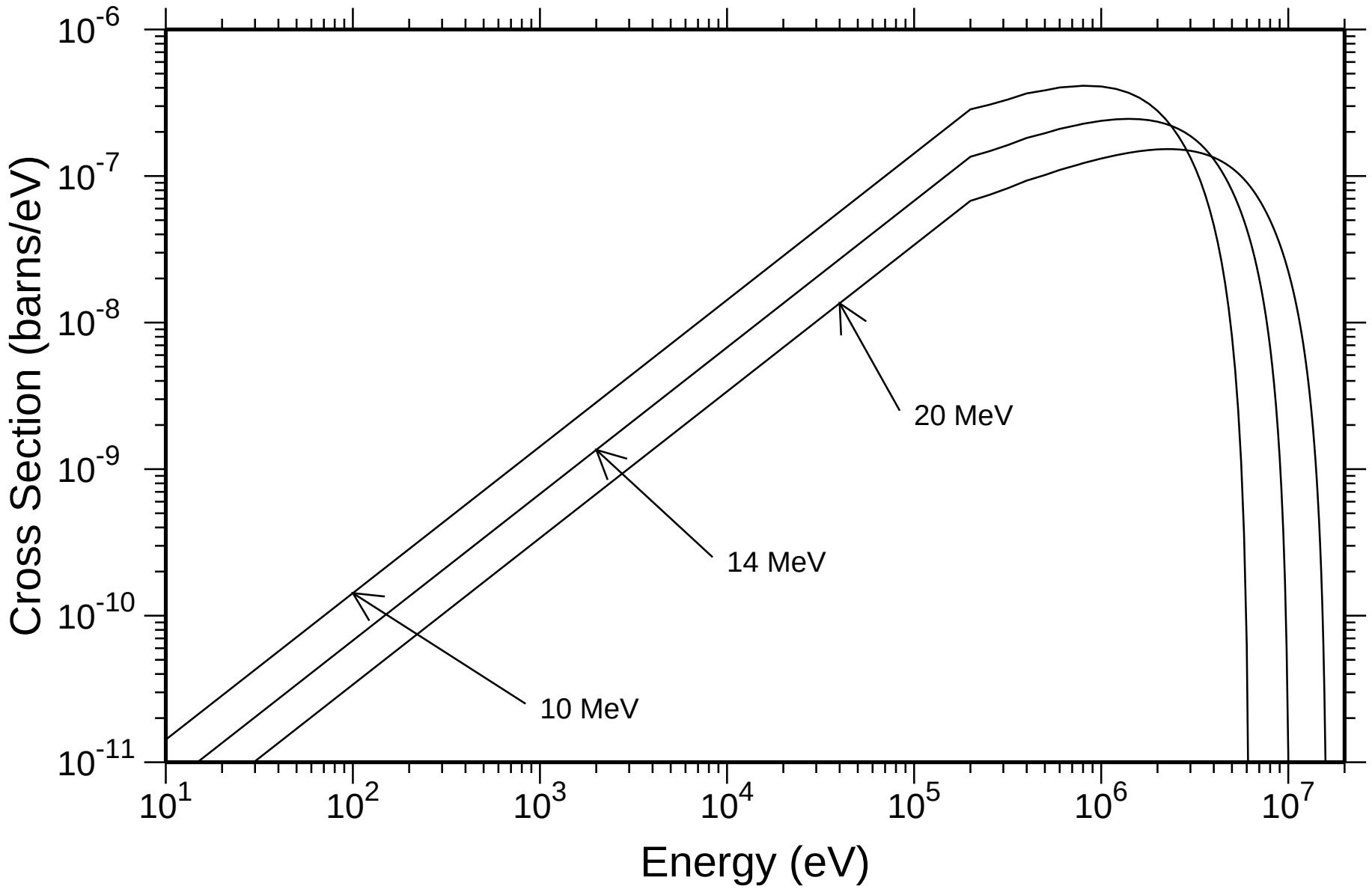

ENDF/B-V CARBON
Total Cross Section
Cross section (barns)
10^1
10^0
10^3
10^4
10^5
10^6
10^7
Energy (eV)


ENDF/B-V CARBON
(n,α) with fake data
350
*10-3
300
250
200
150
100
50
0
Cross section (barns)
ENDF/B-V MAT1306
Smith & Smith 1914
Black & Blue 2008
6
8
10
12
14
16
18
20
*10^6
Energy (eV)


ENDF/B-V CARBON
Elastic MF4
Prob
10^{1}
10^{0}
10^{-1}
Cosine
1.0
0.5
0.0
-0.5
-1.0
Energy (eV)
0
5
10
15
20
*10⁶


ENDF/B-V Li-6
(n,2n)α neutron distribution
Prob/eV
10-5
10-7
0
Sec. energy
2
4
6
8
*10 6
0
2
4
6
8
10
12
*10⁶
Energy (eV)


ENDF/B-V Li-6
(n,2n)α neutron spectra vs E
Cross Section (barns/eV)
Energy (eV)
10^-6
10^-7
10^-8
10^-9
10^-10
10^-11
10^1
10^2
10^3
10^4
10^5
10^6
10^7
20 MeV
14 MeV
10 MeV